

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : C08F 2/34, 10/00, B01J 8/18, 19/00, 8/44		A1	(11) International Publication Number: WO 99/61485
			(43) International Publication Date: 2 December 1999 (02.12.99)
(21) International Application Number: PCT/GB99/01656 (22) International Filing Date: 26 May 1999 (26.05.99) (30) Priority Data: 98430014.5 28 May 1998 (28.05.98) EP (71) Applicant (for all designated States except US): BP CHEMICALS LIMITED [GB/GB]; Britannic House, 1 Finsbury Circus, London EC2M 7BA (GB). (71) Applicant (for FR only): BP CHEMICALS S.N.C. [FR/FR]; Tour Neptune, La Défense 1, 20, place de Seine, F-92400 Courbevoie (FR). (72) Inventors; and (75) Inventors/Applicants (for US only): HEMMERSBACH, Hans-Peter [DE/DE]; Deeler Weg 6, D-50769 Koln (DE). WERLE, Karl-Heinz [DE/DE]; Grunwaldstrasse 12, D-41541 Dormagen (DE). SCHOOF, Johannes [DE/DE]; Marienstrasse 5, D-41542 Dormagen (DE). OBERMANN, Detlef [DE/DE]; Goethestrasse 63, D-41539 Dormagen (DE). HAARDT, Hans-Jürgen [DE/DE]; Rurstrasse 3, D-50269 Pulheim (DE). NIEDERBERGER, Hans-Ludwig [DE/DE]; Kirchstrasse 42, D-41569 Rommerskirchen (DE).		MULLER, Michael [DE/DE]; Ansteler Weg 19, D-50769 Koln (DE). (74) Agent: PREECE, Michael; BP International Limited, Group Patents & Agreements, Chertsey Road, Sunbury-on-Thames, Middlesex TW16 7LN (GB). (81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published With international search report.	
(54) Title: PROCESS FOR EARLY DETECTION OF REACTOR FOULING IN GAS PHASE POLYMERISATION			
(57) Abstract			
<p>The present invention relates to a process for early detection of reactor fouling occurring during a gas phase polymerisation of olefin(s) using a fluidized bed reactor comprising a fluidization grid fitted with detection devices.</p>			